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INSTITUTO SPANOL DE HIGIENE  
MFAO, Sociedad Rectora  
del Mercado de Futuros  
del Aceite de Oliva, S.A.



Recognized by the  
International Olive Council  
for physico-chemical testing  
(01/12/14-30/11/15)



Lluis Jané Busquets Laboratori d'Analisi S.L.  
c/ St Llorenç, 27 baixos 08192 Sant Quirze del Valles (Bcn)

VIDORIA S.L.  
Ctra. Reus-Cambrils Km 4,5  
43206 - Reus  
TARRAGONA

Report nº. 22\_0289

### ANALYSIS CERTIFICATE

St. Quirze del Vallès 10/05/2022  
Dear Sirs,

CLIENT: TAISUN ENTERPRISE CO.,LTD. 10FL, NO.99, SEC.2, CHANG AN E.ROAD TAIPEI TAIWAN  
We send you this CERTIFICATE OF ANALYSIS from VIDORIA, S.L.  
(Ctra. Reus-Cambrils Km. 4, 5) 43206 REUS (Spain) of this GRAPE SEED OIL, 477 cartons with 6 glass bottles  
of 1 Liter, Total 2.862 bottles, sample Ref. Lot 1133 TOTAL: 2.622 kilos.

### RESULTS

- Free Acidity (% Oleic Acid) ..... 0.09%  
PNT-RT-50
- Acid Value (mg KOH/g) ..... 0.18 mg KOH/g  
PNT-RT-50
- Peroxide value ( meq/Kg) ..... 1,3 meq O<sub>2</sub>/Kg  
PNT-RT-20
- \*Fatty Acid Composition (Quantitative %):  
RCEE 2568/91 A-X in force

Lauric.....	N/D
Myristic.....	0,04%
Palmitic.....	6,28%
Palmitoleic.....	0,10%
Heptadecanoic.....	0,01%
Heptadecenoic.....	N/D
Stearic.....	3,94%
Oleic.....	22,01%
Linoleic.....	66,85%
Linolenic.....	0,34%
Arachidic.....	0,20%
Eicosenoic.....	0,10%
Behenic.....	0,04%
Erucic.....	0,06%
Lignoceric.....	0,02%

- \*Trans fatty acids:C18:1T=0,03%  
PNT-RT-04 C18:2T+C18:3T=0,05%

The analytical determinations and activities marked with a (\*) are not included in the Enac accreditation scope.

The uncertainty value of the quantitative tests is at the costumer's disposal.  
This analysis report corresponds exclusively to the received and analyzed sample.  
The results are considered the client's property and its total or partial reproduction is not allowed without the written authorization of the laboratory.



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LABORATORI RECATÓDOLIC - MPNO 3111  
MFAO, Sociedad Rectora  
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del Aceite de Oliva, S.A.



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#### ANALYSIS CERTIFICATE

- Vitamin E Composition:  
 $\alpha$ -tocopherol=24 mg/kg;  $\beta$ -tocopherol=31 mg/kg;  $\gamma$ -tocopherol=43 mg/kg;  $\delta$ -tocopherol= 1.2 mg/kg;  
 $\alpha$ -tocotrienol=36mg/kg;  $\gamma$ - tocotrienol =160mg/kg;  $\delta$ - tocotrienol = 1.3 mg/kg;  
Total Vitamin E= 310 mg/kg
- \*Total Sterol =2,475 ppm  
PNT-RT-06
- Sterol Composition:  
PNT-RT-06  
Cholesterol=0.10%; Brassicasterol=0.1%; Campesterol=8.4 ; Stigmasterol=8.4%; Beta-Sitosterol=65.00  
Delta-5-Avenasterol=2.4%; Delta-7-Stigmastenol=1.4 %;Delta-7-Avenasterol=0.80%; Others=2.50 mg/kg
- Wax: clear
- Moisture & volatile matter= 0.02
- Iodine: 115 hw
- Copper: 0.2 ppm
- Mercury: 0.01 ppm
- Arsenic: 0.01 ppm
- Lead: 0.01 ppm
- Tin:< 250mg/kg
- Benzopyrene:<1 ppb
- Aflatoxin: 2.1 ppb
- Lovibond 5 1/4" cell yellow: 16
- Lovibond 5 1/4" cell red: 0.4
- Lovibond 5 1/4" cell blue: 0.8

#### CONCLUSIONS

The analytical determinations requested comply with CODEX STAN 210 1999 Rev.2011 Regulations governing the quality of Grapeseed Oil fit for human use.

Yours faithfully, signed by General Manager Lluís Jané.

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LABORATORIO RECONOCIDO - PRUEBA 2011  
MFAO, Sociedad Rectora  
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## ANALYSIS CERTIFICATE

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Dear Sirs,

CLIENT: TAISUN ENTERPRISE CO.,LTD. 10FL, NO.99, SEC.2, CHANG AN E.ROAD TAIPEI TAIWAN

SAMPLE DESCRIPTION: GRAPE SEED OIL, Ref. LOT 1133

GROSS WEIGHT: 0.916 KG =1 LITER

### REAL TIME QUANTITATIVE PCR ANALYSIS

LIMIT OF DETECTION: 0.1%

TEST GRAPE REFERENCE GENE: no grape seed dna detected

TEST 35S PROMOTER REAL TIME QUANTITATIVE: no GMO detected, qualified by

reference gene result.

Yours faithfully, signed by General Manager Lluís Jané.

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